Declaration and Power of Attorney For Patent Application

特許出頭宣言者及び委任状

Japanese Language Declaration

日本語宣言書

下記の丘名の元明なとして、私信以下の迂り立分しさす。	As a below named inventor, I hereby declare that:
るの住所、私者等、信祭は下足の名の任名の文に記載された思りです。	My festiones, post office address and citizaniship are as stated next to my trans.
下記の名称の景明に関しては水気圏に空壁され、特許出現している充明内容について、私が最初かつ地一の景明者(下記の氏名が一つの場合)もしくは是初かつ共前世界費であると(下記の名称が複数の場合)信じています。	I believe I am the original, first and sole inventor (if only one name is fisted below) or an original, first and joint inventor (if piural names are fisted below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
	APPARATUS FOR DETECTING COMPRESSION
	TOP DEAD CENTER OF AN ENGINE
上記元明の引舞等(下記のはでx甲がついていない場合性、 本書に銀行)は、	the specification of which is attached hereto unless the following box is checked:
□月_日に送出され、米国出西委身合たた特別協定条約 国家出題委身をとし、 (四当する場合)とれていませんとした。	was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).
私は、特許対域気管を含む上記打正数の明知者を検討し、 内容を理解していることをここに表明します。	Thereby state that I have reviewed and understand the contents of the above Mentitled specification, including the claims, as amended by any amendment referred to above.
現は、運再規則色兵第37萬第1条56項に定益されると おり、特許支持の有害について重要を決撃を開示する受許が あることを思め出す。	I acknowledge the duty to disclose information which is material to paternability as defined in Tille 37, Code of Federal Regulations. Section 1.58,

Page Lof 3

Burden Hour Statement: This form is assurated to take 0.4 hours to complete. Time will very depending upon the a structure of time you are required to complete this form should be sent to the Chief Information Officer, Patern and Trademark Office, Washington, DC 2021. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner of Patents and Trademarks, Washington, DC 2023 1.

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東は、米国と見到25至1、19条(1)。(1)。以近21365条(1)。以近21376365条(1)。以近21376365条(1)。以近21376365条(1)。以近21376365条(1)。以近21376365条(1)。以近213763650。以近213763650。以近213763650。以近213763650。因此2137650。以近21376500。因此21376500。

下に、井内モマークすることで、示していきす。

Prior Foreign Appilc=don(s) 外国マの元行出第 Pat. 2002-184577

Japan ·

(Number) (출국)

(Country) (巫名)

私は、第35編米団造会119条(e)項に悪いて下記の米 国役許出項規定に記載された批判をここに主要いたします。

> (Application No.) (出資壽子)

(Filing Date) (出源日)

私は、下記の米高法兵第35第120条に当いて下記の米 医特許出京に記載された注制、 又に米田を指定している特許 出力会約365条(c) に基子く権利をここに主張します。 また、字出海の今頃式高區の内容が米国法共第35至112条 第1項又に特許出力条約で規定された方法で先行する米国特 計出期に結示されていない限り、その先行米当出東言提出与 以降で本出資本の日本國内または特許協力条約四層提出自主 での期間中に入手された、運邦規則法集第37至1条56項 で定義された特許安持の有無に関する国際と傾倒について第 示義務があることを認識しています。

> (Application No.) (出資電子)

(Filing Date) (出面日)

(Application Na.) (出版委录) (Eiling Date) (出質度)

私は、老日よの知識に基ずいて本文含素中で私が行たうま 明が其異であり、かつ私の入手した複雑と私の信じるところ に基ずく最明が全て真実であると信じていること。さらに故 なになされた虚偽の表明及びそれと同等の行為は米母性臭菌 18四第1001条に基ずき、罰金さたは拘禁、もしくはそ の両方により処罰されること。そしてそのような改立による 成為の戸明を存たえば、出頭した。又は既に許可された特殊 の有効はが失われることを認定し、よってここに上記のごと く文字を致します。 theraby cham foreon priority under Title 16. United States Code. Section 119 (a)(d) or 383(b) of any foreign application (a) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States. Estad below and have also identified below, by checking the box, any foreign application for patent or inventor's cartificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed 氏先戒主努なし

25/June/2002

(Day/Month/Year Filed) (出西年月日)

I hereby claim the benefit under Title 35. United States Code. Section 118(e) of any United States provisional application(s) fisted below.

> (Application No.) (出京급子)

(Filing Date) (出題目)

I hereby claim the benefit under Title 35. United States Code. Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States. Ested below and, insolar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 25, United States Code Section 112.

acknowledge the duty to disclose information which is metertal to paramability as defined in Title 37. Code of Federal Requisitions. Section 1.56 which became available between the Illing date of the prior application and the national or PCT international filling date of application.

(Status: Parented, Pending, Abandoned) (灵况: 锌芹芹可济、保属中、放荣济)

(Status: Patented, Pending, Abandoned) (表記: 特开听可济、保黑中、监禁济)

I hereby declars that all statements made herein of my own incoviedge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1997 of Title 12 of the United States Code and that such willful false statements may Jeopardize the validity of the application or any patent issued thereon.

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受主法: 私は下記の完明者として、本出頭に属する一別の手続きを米条件両番馬に対して逆行する弁理主主たは代理人として、下記の間を指名いたします。(弁理主、言たは代理人の無名及び無数者分を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list fairly and registration number)

William H. Logsdon	22,132	Barbara E. Johnson	31,198	Lester N. Fortney	38,141
Russell D. Orkin	25.363	Paul M. Reznick	33,059	Randall A. Notzen	36,882
David C. Henson	23.024	John W. McIlvaine	34,219	Jewsse A. Hirshman	40,016
Frederick B. Ziesenheim		Michael I. Shamos	30,424	James G. Porcelli	33,757
Richard L. Byrne	28.498	Blynn L. Shideler	35,034	Kent E. Baldauf, Jr.	36,082
Kent E. Beldauf	25.826	Julia W. Meder	36.216)	

香瀬送付先

Send Correspondence to:

Russell D. Orkin, 700 Koppers Building, 436 Seventh Avenue, Pttsburgh PA 15219-1818

直接電話連絡先: (名前及び電話番号) Direct Telephone calls to: (name and telephone number)

Russell D. Orkin (412) 471-8815

唯一主文社第一是明者名		Full recrue of scale or first inventor
		Yoshifumi OKUDA
元明者の岩名	日付	June 16, 2003
生新		Residence
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图 第		Japanese
私音符	•	ে DATFUKU CO., LTD., Shigajigyosho,
		Nakazaiji 1225, Hinocho, Gamo-gun, Shiga-ken, Japan
第二共间光明者		Full name of second joint inventor, if any Yahiko IWASAKI
第二共同竞明者	5 付 .	Yakuko (yakuko) June 16, 2003
色狀		Gamo-gun, Shiga-ken, Japan
S#		С хам ф Japanese
料香港		Post Office Address c/o DAIFUKU CO., LTD., Shigajigyosho,
		Nakazaiji 1225, Hinocho, Gamo-gun, Shiga-ken, Japan

(第三以左の共同元明者についても同様に記載し、著名をす (Supply similar Information and signature for third and subsequent ること) (pint Investors)

E O

Power of Attomey For Patent Application and Power of Attomey For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言答

下記の氏名の元明者として、私に以下の通り立意し言す。	As a below named inventor, I hareby declare that:
私の住所、私表領、伝統は下沢の名の氏名の後に足式された当りです。	My residence, post office address and differentially are as stated next to my mane.
下変の名称の元用に関しては求気速に記録され、特許出版している元明内容について、起ぶ最初かつ地一の元明を(下記の氏名が一つの場合)もしくに是初かつ六両元明寺であると(下記の名称が过去の場合)信じています。	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if piural names are listed below) of the subject number which is calmed and for which a patent is sought on the invention emitted
	APPARATUS FOR DETECTING COMPRESION
	TOP DEAD CENTER OF AN ENGINE
上記元明の前記字(下記の記でx司がついていたい場合に、 本字に添行)は、 「月」日に提出され、米原出四号平立たは特許等定条的 「原出現等平之」とし、 (宮里十つ場合)」、に訂正されました。	the specification of which is attached hereto unlast the following but is checked:
私は、特許対決支配を含む上記が正役の用知者を検討し、 内容を連絡していることをここに表明します。	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
私は、芝邦気則を文第37章第1条56項に金融されると おり、仲介文格の有量について重要な情報を展示する重要が あることを認めます。	I acknowledge the duty to disclose information which is moternal to patemanily as defined in Title 37. Code of Federal Regulations. Section 1.58.

Page 1 of 4

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Prior Foreign Application(s) 外間での先行出型 Pat. 2002-184577

Japan.

(Number) (容子)

(Country) (库名)

私は、第35選米当法典119条(e)項に至いて下記の米 国際开出環境定に交流された技利をとこに主張いたします。

> (Application No.) (出取登号)

(Filing Date) (出**ご**日)

型に、下記の米空注兵第35章120条に並いて下記の米 巨特許出域に記載された権利。又は米空を指定している場所 四方系約365条(c)に基子く指列をここに主張します。空 た、末出域の各項状域連の内容が米位注其第35章112条 第1項文に特許協力条約で規定された方法で発行する米国特 新出域に開業されていない限り、その無行米空出域を設出日 以降で本出域をの日本面内立た性特許協力条約に原設出日立 での第四中に入手された。選邦規則を開第37章1条56項 で定量された特許天裕の有法に関する重要な模型について選 示義務があることを選集しています。

(Application No.) (巴효근무)

(Filing Date) (出版日)

(Application No.) (出版母母)

(Filing Date) (변화표)

私は、私食身の知識に基ずいて本文含素でで思ぶ行なう達明が真実であり、かつ気の入手した情報と気の信じるところに基ずく最明が全て真実であると信じていること、さらに並承になされた虚偽の表明及びそれと同年の行為に栄置と映象 18四第1001条に基づき、罰金さたは拘禁、もしくはそ、の両方により処罰されること、そしてそのような改革による虚偽の声明を存な之ば、出環した、又は単に許可された特許の有効性が失われることを認識し、よってここに上記のごとく文書を致します。

hearty Claim ionorus priorsy, under fire 15. United States Code.
Section 113 (a)-(d) of 185(b) of any foreign application(s) for parant
or inventor's certificate, or 155(a) of any PCT international
application which designated at least one country other than the
United States, listed below and have also identified below, by
checking the box, any foreign application for patent or inventor's
certificate, or PCT international application having a filing date
before that of the application on which priority is claimed.

Priority Not Claimed 任完建主要之し

25/June/2002

П

(Day/Month/Year Filed) (出五年月日)

I hereby claim the benefit under Title 18. United States Code. Section f19(e) of any United States provisional application(s) listed below.

> (Application No.) (보호증우)

(Filing Date)

I hereby claim the benefit under Title 25. United States Code. Section 120 of any United States application(s), or 285(c) of any PCT international application designating the United States, theted below and, insolar as the subject matter of each of the claims of this application is not electosed in the prior United States or PCT International application in the manner provided by the first puragraph of Title 15, United States Code Section 112, I acknowledge the duty to electose information whileh is material to patentiability as defined in Title 37, Code of Federal Regulations. Section 1.38 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Parented, Pending, Abandoned) (交流: 特齐庁可济、保護中、放業済)

(States: Patented, Pending, Abandoned) (图况: 行开介可济、保属中、数案济)

I hereby declare that all statements made herein of my own knowledge are bue and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful fulse statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 1x of the United Siptex Code and that such willful false statements may Jeopardize the validity of the application or any patent issued thereon.

38,141

36,882

40,016

33,757

36,082

THE PROPERTY OF THE PROPERTY O Application (1995年) (Accanese Enguage) Declaration (1995年) (日本語 2条) (日本語 28) (日本語 POWER OF ATTORNEY: As a pamed inventor, I hereby appoint 交迁状: 私位下記の会明者として、本出頭に関する一切の 手続きを米特許高級品に対して進行する分配士事業は代理人 the following attorney(s) and/or agent(s) to proceeding this として、下辺の者を担名いたします。(弁理士、白た片代志 application and transact all business in the Patern and Trademark 人の氏名及び矢及番号を明定のこと) Office connected therewith filst name and registration number; William H. Logsdon 22,132 Barbara E. Johnson 31,198 Lester N. Fortney Russell D. Orkin 25,363 Paul M. Reznick 33,059 Randall A. Notzen John W. McIlvaine 23,024 David C. Hanson Jewsse A. Hirshman 34,219 Frederick B. Ziesenheim 19,438 Michael I. Shamos 30,424 James G. Porcelli

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25,826

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Kent E. Baldauf, Jr.

35,034

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Richard L. Byrne

Kent E. Baldauf

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Russell D. Orkin (412) 471-8815

唯一世た此第一是明者名 Full rains of sale of first invent Yuzo UOTANI 受明者の著名 日付 Date June 16, 2003 生新 Aki-gun, Hiroshima-ken, Japan Japanese 私罗罗 Post Office Address c/o MAZDA MOTOR CORPORATION, Shinchi 3-1, Fuchucho, Aki-gun, Hiroshima-ken, Japan 第二共间接明金 Full name of sectoral joint inventor, if any Kenji NAKATSU 第二类司交明令 유산 Second inversor's signature Nakette June 16, 2003 住所 Aki-gun, Hiroshima-ken, Japan 写弃 Japanese 双字簿 Pest Office Address c/o MAZDA MOTOR CORPORATION, Fuchucho, Aki-gun, Hiroshima-ken, Japan

(第三以降の共同元明者についても両様に定立し、与名を十 ること)

(Supply similar information and algorithms for third and authorquent joint inventors.)

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ħ	「多館夫の屋を取りが高さらは、「1757年	Sa toshi Mryahira Third inventors Granture
	MANAGES TO SELECTION OF THE PROPERTY OF THE PR	Time inventors signature and
	<u> </u>	Satoshi Mirahita June 16, 2003
	住所	Residence
ı		Aki-gun, Hiroshima-ken, Japan
ı	国籍 .	Citizenship
1		Japanese
-	私書籍	Post Office Address
Ī		c/o MAZDA MOTOR CORPORATION, Shinchi 3-1,
ŀ		C/O MADDA POTOR CORPORATION, SMINGHI 3-1,
- 1		Fuchucho, Aki-gun, Hiroshima-ken, Japan
ŀ	Mr and As the Change of	
-	菊四共 阿尧明者	Full name of 4th joint inventor, if any
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-	発明者の署名 日付	4th inventor's signature Date
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ŀ	住所 ,	Residence
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Г	第五共同発明者	Full name of 5th joint inventor, if any
f		
Γ	発明者の署名 日付	5th inventor's signature Date
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1	育六共同発明者	Full name of 6th joint inventor, if any
1		
٦	を明者の署名 日付	6th inventor's signature Date
ľ		5th inventor's signature Date
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Ê	主 所	Residence
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